



Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

14

Application Number

09/273,673

Filing Date

March 22, 1999

First Named Inventor

John C. Doyle

Group Art Unit

2761

Examiner Name

Unknown

Attorney Docket Number

DOYLE-P99-1

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☒ Response to Missing Parts/
Incomplete Application

☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

☒ Assignment Papers
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69)
and Accompanying Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence
Address

☐ Terminal Disclaimer

☒ Small Entity Statement

☐ Request for Refund

☐ After Allowance Communication
to Group

☐ Appeal Communication to Board
of Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Additional Enclosure(s)
(please identify below):

Postcard

Remarks

Please note that this is a SMALL ENTITY
application. Total claims is 18 NOT 22.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Peter K. Trzyna

Signature

Date

April 21, 1999

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 04/21/1999

Typed or printed name

Peter K. Trzyna

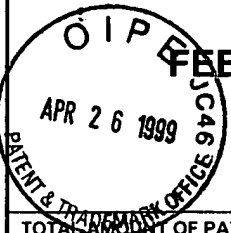
Signature

Date

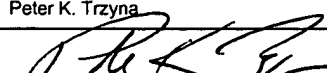
04/21/1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		Complete if Known	
		Application Number	09/273,673
		Filing Date	March 22, 1999
		First Named Inventor	John C. Doyle
		Group Art Unit	2761
		Examiner Name	Unknown
TOTAL AMOUNT OF PAYMENT		(\$)	615.00
		Attorney Docket Number	DOYLE-P99-1

<p>METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 50-0235</p> <p>Deposit Account Name Peter K. Trzyna</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="padding-left: 40px;"><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Charge to Acct</p> <p style="text-align: center;">FEE CALCULATION (fees effective 10/01/96)</p> <p>1. FILING FEE</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>790</td> <td>201</td> <td>395</td> <td>Utility filing fee</td> <td><u>380.00</u></td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td>.....</td> </tr> <tr> <td>107</td> <td>540</td> <td>207</td> <td>270</td> <td>Plant filing fee</td> <td>.....</td> </tr> <tr> <td>108</td> <td>790</td> <td>208</td> <td>395</td> <td>Reissue filing fee</td> <td>.....</td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td>.....</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$) <u>380.00</u></td> </tr> </tbody> </table> <p>2. CLAIMS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra</th> <th>Fee from below</th> <th></th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims 18 -20 =</td> <td>0</td> <td>X</td> <td>=</td> <td><u>0.00</u></td> </tr> <tr> <td>Independent 2 - 3 =</td> <td>0</td> <td>X</td> <td>=</td> <td><u>0.00</u></td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>1</td> <td>X</td> <td><u>130.00</u></td> <td>= <u>130.00</u></td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>22</td> <td>203</td> <td>11</td> <td>Claims in excess of 20</td> <td>.....</td> </tr> <tr> <td>102</td> <td>82</td> <td>202</td> <td>41</td> <td>Independent claims in excess of 3</td> <td>.....</td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim</td> <td>.....</td> </tr> <tr> <td>109</td> <td>82</td> <td>209</td> <td>41</td> <td>Reissue independent claims over original patent</td> <td>.....</td> </tr> <tr> <td>110</td> <td>22</td> <td>210</td> <td>11</td> <td>Reissue claims in excess of 20 and over original patent</td> <td>.....</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$) <u>130.00</u></td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	790	201	395	Utility filing fee	<u>380.00</u>	106	330	206	165	Design filing fee	107	540	207	270	Plant filing fee	108	790	208	395	Reissue filing fee	114	150	214	75	Provisional filing fee	SUBTOTAL (1)					(\$) <u>380.00</u>		Extra	Fee from below		Fee Paid	Total Claims 18 -20 =	0	X	=	<u>0.00</u>	Independent 2 - 3 =	0	X	=	<u>0.00</u>	Claims					Multiple Dependent Claims	1	X	<u>130.00</u>	= <u>130.00</u>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	22	203	11	Claims in excess of 20	102	82	202	41	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim	109	82	209	41	Reissue independent claims over original patent	110	22	210	11	Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					(\$) <u>130.00</u>	<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>.....</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing or cover sheet</td> <td>.....</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td>.....</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td>.....</td> </tr> <tr> <td>112</td> <td>920</td> <td>112</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>.....</td> </tr> <tr> <td>113</td> <td>1,840</td> <td>113</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td>.....</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for response within first month</td> <td>.....</td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for response within second month</td> <td>.....</td> </tr> <tr> <td>117</td> <td>950</td> <td>217</td> <td>475</td> <td>Extension for response within third month</td> <td>.....</td> </tr> <tr> <td>118</td> <td>1,570</td> <td>218</td> <td>755</td> <td>Extension for response within fourth month</td> <td>.....</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td>.....</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td>.....</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td>.....</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>.....</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive unavoidably abandoned application</td> <td>.....</td> </tr> <tr> <td>141</td> <td>1,320</td> <td>241</td> <td>660</td> <td>Petition to revive unintentionally abandoned application</td> <td>.....</td> </tr> <tr> <td>142</td> <td>1,320</td> <td>242</td> <td>660</td> <td>Utility issue fee (or reissue)</td> <td>.....</td> </tr> <tr> <td>143</td> <td>450</td> <td>243</td> <td>225</td> <td>Design issue fee</td> <td>.....</td> </tr> <tr> <td>144</td> <td>670</td> <td>244</td> <td>335</td> <td>Plant issue fee</td> <td>.....</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>.....</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td>.....</td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td>.....</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td><u>40.00</u></td> </tr> <tr> <td>146</td> <td>790</td> <td>246</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td>.....</td> </tr> <tr> <td>149</td> <td>790</td> <td>249</td> <td>395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td>.....</td> </tr> <tr> <td colspan="5">Other fee (specify) <u>Notice to File Missing Parts Surcharge</u></td> <td><u>65.00</u></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td>.....</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$) <u>105.00</u></td> </tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for reexamination	112	920	112	920	Requesting publication of SIR prior to Examiner action	113	1,840	113	1,840	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for response within first month	116	400	216	200	Extension for response within second month	117	950	217	475	Extension for response within third month	118	1,570	218	755	Extension for response within fourth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive unavoidably abandoned application	141	1,320	241	660	Petition to revive unintentionally abandoned application	142	1,320	242	660	Utility issue fee (or reissue)	143	450	243	225	Design issue fee	144	670	244	335	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	Other fee (specify) <u>Notice to File Missing Parts Surcharge</u>					<u>65.00</u>	Other fee (specify) _____					SUBTOTAL (3)					(\$) <u>105.00</u>
Large Entity		Small Entity		Fee Description			Fee Paid																																																																																																																																																																																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																	
101	790	201	395	Utility filing fee	<u>380.00</u>																																																																																																																																																																																																																																																																																															
106	330	206	165	Design filing fee																																																																																																																																																																																																																																																																																															
107	540	207	270	Plant filing fee																																																																																																																																																																																																																																																																																															
108	790	208	395	Reissue filing fee																																																																																																																																																																																																																																																																																															
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																															
SUBTOTAL (1)					(\$) <u>380.00</u>																																																																																																																																																																																																																																																																																															
	Extra	Fee from below		Fee Paid																																																																																																																																																																																																																																																																																																
Total Claims 18 -20 =	0	X	=	<u>0.00</u>																																																																																																																																																																																																																																																																																																
Independent 2 - 3 =	0	X	=	<u>0.00</u>																																																																																																																																																																																																																																																																																																
Claims																																																																																																																																																																																																																																																																																																				
Multiple Dependent Claims	1	X	<u>130.00</u>	= <u>130.00</u>																																																																																																																																																																																																																																																																																																
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																	
103	22	203	11	Claims in excess of 20																																																																																																																																																																																																																																																																																															
102	82	202	41	Independent claims in excess of 3																																																																																																																																																																																																																																																																																															
104	270	204	135	Multiple dependent claim																																																																																																																																																																																																																																																																																															
109	82	209	41	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																															
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																															
SUBTOTAL (2)					(\$) <u>130.00</u>																																																																																																																																																																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																															
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing or cover sheet																																																																																																																																																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																															
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																															
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																															
115	110	215	55	Extension for response within first month																																																																																																																																																																																																																																																																																															
116	400	216	200	Extension for response within second month																																																																																																																																																																																																																																																																																															
117	950	217	475	Extension for response within third month																																																																																																																																																																																																																																																																																															
118	1,570	218	755	Extension for response within fourth month																																																																																																																																																																																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																															
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																																																																																																																															
141	1,320	241	660	Petition to revive unintentionally abandoned application																																																																																																																																																																																																																																																																																															
142	1,320	242	660	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																															
143	450	243	225	Design issue fee																																																																																																																																																																																																																																																																																															
144	670	244	335	Plant issue fee																																																																																																																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																															
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>																																																																																																																																																																																																																																																																																															
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																															
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																															
Other fee (specify) <u>Notice to File Missing Parts Surcharge</u>					<u>65.00</u>																																																																																																																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																																																																																																																			
SUBTOTAL (3)					(\$) <u>105.00</u>																																																																																																																																																																																																																																																																																															

SUBMITTED BY				Complete (if applicable)			
Typed or Printed Name		Peter K. Trzyna		Reg. Number		32,601	
Signature				Date		03/27/98	
				Deposit Acct. User ID			